

WHAT IS CLAIMED IS:

1. An authentication system for verifying a fingerprint, said system comprising:

a network server; and

an artificial intelligent device coupled to said network server, comprising means

5 of generating a fingerprint digital data of an applied fingerprint, wherein said network server comprises means for verifying said fingerprint digital data and accordingly generating a verification signal, and an access mechanism responsive to the verification signal for granting or denying access to a secured site according to the verification signal.

2. The authentication system according to claim 1, wherein the network server
10 comprises:

a processor for generating a first fingerprint digital identifier data and a second fingerprint digital identifier data;

a fingerprint database memory for storing the first fingerprint digital identifier data; and

15 a comparator for comparing said first and second fingerprint digital identifier data.

3. The authentication system according to claim 1, wherein the artificial intelligent device coupled to the network server through a wired communication network system.

4. The authentication system according to claim 1, wherein the artificial
20 intelligent device coupled to the network server through a wireless communication network system.

5. The authentication system according to claim 1, wherein said secured site comprises data files stored within the network server.

6. The authentication system according to claim 1, wherein said secured site

comprises an internet-based management system.

7. The authentication system according to claim 1, wherein the artificial intelligent device comprises a computer camera.

5 8. The authentication system according to claim 1, wherein the artificial intelligent device comprises a scanner device.

9. The authentication system according to claim 1, wherein the artificial intelligent device comprises a projector device.

10 10. The authentication system according to claim 1, wherein the artificial intelligent device comprises a monitor.

11. An authentication system for verifying a fingerprint, said system comprising:
a cellular phone, comprising at least a scanner device for scanning an optical image, said cellular phone comprising means of generating a image digital data of an applied image, means for verifying said image digital data and accordingly generating a verification signal, and an access mechanism responsive to the verification signal.

15 12. The authentication system according to claim 11, wherein the optical image is a fingerprint image.

13. The authentication system according to claim 11, wherein the optical image is a still image.

20 14. An authentication system for verifying a fingerprint, said system comprising:
a PDA, comprising at least a scanner device for scanning an optical image, said PDA comprising means of generating a image digital data of an applied image, means for verifying said image digital data and accordingly generating a verification signal, and an access mechanism responsive to the verification signal.

15. The authentication system according to claim 14, wherein the optical image

is a fingerprint image.

16. The authentication system according to claim 14, wherein the optical image is a still image.

5 17. A personal computer camera, comprising:

a housing comprising a camera window and a scanning window, wherein the camera window facing a horizontal plane and the scanning window facing a vertical plane;

10 an electronic camera disposed in said housing for converting an optical image into an electronic image, said electronic camera comprising at least a prism and a sensor, wherein said electronic camera is pivotally mounted to rotate along a horizontal axis for selecting to capture an optical image through the camera window or through the scanning window.

15 18. The personal computer camera according to claim 17, wherein the electronic image is transmitted to a personal computer.

19. The personal computer camera according to claim 18, wherein the personal computer comprises means of verifying said electronic image and means generating an access denied signal when said electronic image does not meet a preprogrammed criterion.

20 20. The personal computer camera according to claim 18, wherein the personal computer comprises means of verifying said electronic image and means generating an access signal when said electronic image meets a preprogrammed criterion.

21. The personal computer camera according to claim 18, wherein the personal computer comprises communication means for transmitting and/or receiving image

information, said communication means capable of permitting information communication with one of a plurality of different external devices connected to this apparatus via predetermined connection means.

22. The personal computer camera according to claim 17, wherein the electronic
5 image captured through the scanning window is a fingerprint image.

23. The personal computer camera according to claim 17, wherein the electronic image captured through the camera window is a fingerprint image.

24. The personal computer camera according to claim 17, wherein the electronic image captured through the camera window is a still image.

25. The personal computer camera according to claim 17, wherein the electronic
10 image captured through the camera window is a motion image.

26. The personal computer camera according to claim 17, wherein the electronic image captured through the camera window is an animation image.

27. A camera device, comprising:

15 a sensor;

a stationary lens;

a non-stationary lens, wherein the stationary lens is disposed in between the sensor and the non-stationary lens; and

a stationary screen for displaying an image of an object, wherein the screen is
20 disposed in between the non-stationary lens and the object and wherein the non-stationary lens is movable with respect to the stationary lens for adjusting the focal length in order to capture an image with an acceptable level of resolution.

28. The camera device according to claim 27, wherein the image is a fingerprint image.

29. The camera device according to claim 27, wherein the image is a still image.

30. The camera device according to claim 27, wherein the image is a motion image.

31. The camera device according to claim 17, wherein the image is an animation

5 image.